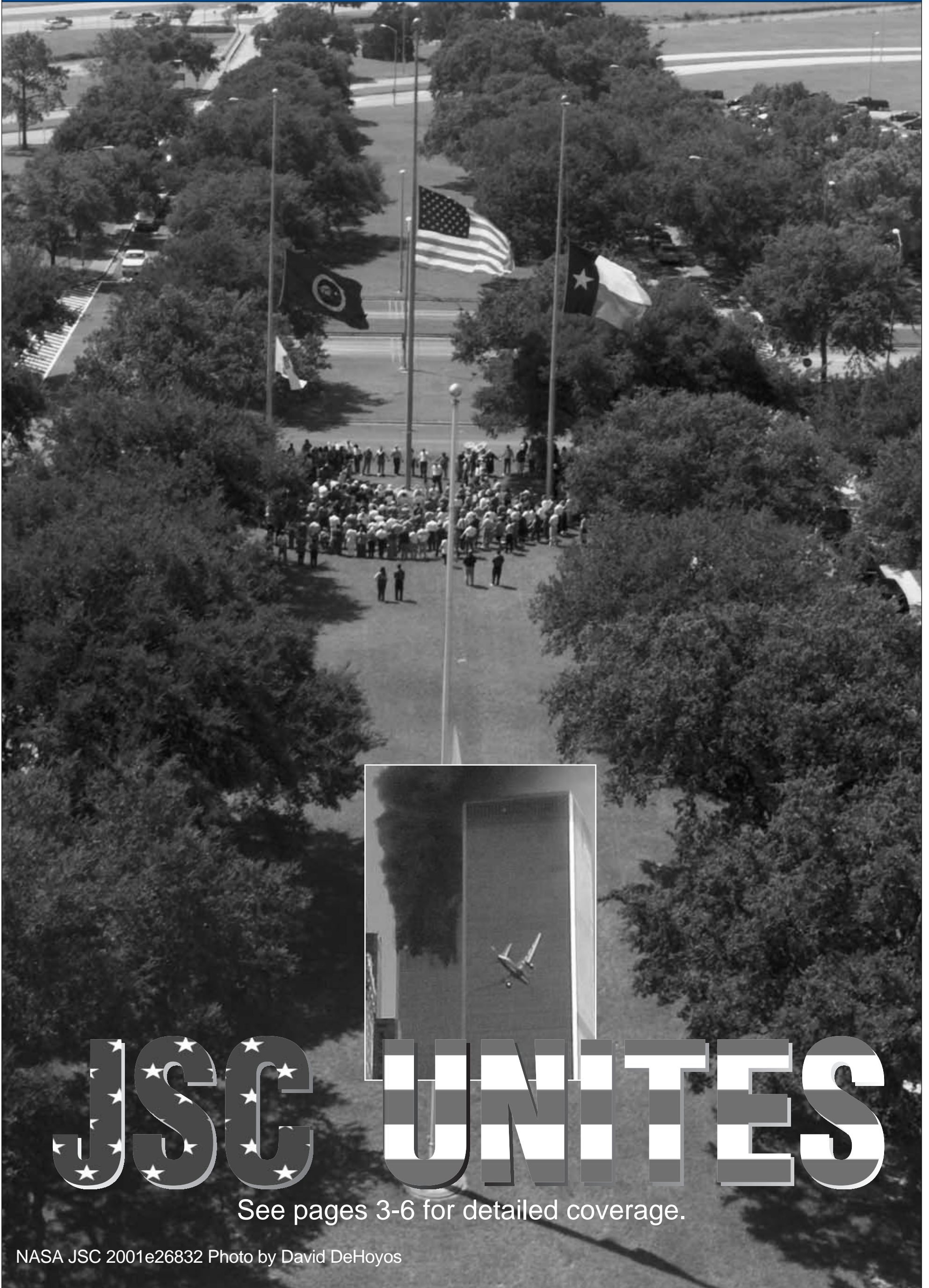


# Space Center Roundup

VOL. 40, NO. 17 LYNDON B. JOHNSON SPACE CENTER, HOUSTON, TEXAS September 21, 2001



# JSC UNITES

See pages 3-6 for detailed coverage.

NASA JSC 2001e26832 Photo by David DeHoyos



Roy Estess, Acting Director of the Johnson Space Center, will kick off the center's sixth annual Safety & Total Health Day on Oct. 17. This year's theme is "Make it Personal."

Safety & Total Health Day is an event devoted to safety and health issues and how to apply them at work, as well as home. This year, only NASA badged personnel will be able to participate in the JSC on-site events.

Due to the heightened security measures, there will be limited exhibits in selected lobbies only. While speakers are still scheduled as previously planned, emphasis now has shifted toward supervisor-led safety.

For the event day planners, whose plans might include more of the scheduled



speakers, please remember seating in the Teague Auditorium is limited. You are encouraged to arrive early. NASA television will broadcast the speakers' programs to the JSC workplace.

For updated training topics and ideas for planning your day, log on to the Safety & Total Health Day Web site at:

<http://sthday.jsc.nasa.gov/>

If your organization plans on having a guest speaker, please remember to send in your advanced badging request and have an escort available for your guest upon arrival.

The Health Run/Walk will start at 3:30 p.m. for NASA-badged personnel only. Registration will be done exclusively online this year and can be accessed through the "Registration" link at the address listed above. You can also visit the same site for up-to-date information.

## Help children who have lost their parents

JSC has teamed up with the Marine Corp's Toys for Tots program and area sponsors to send new toys to the children who lost their parents in New York City. Collection barrels will be set up on site, accepting toys and monetary donations. Gene Kranz is the public spokesperson. Sponsors include Gallery Furniture, which has volunteered to provide transportation of the toys to New York. For more information contact Mark McDonald at (281) 483-4376.

## NASA STARS Resumé Builder opportunities continue

NASA STARS is continuing to be implemented at the Johnson Space Center. Successful rollouts have already taken place at Langley, Marshall, Goddard and Stennis. Now is the time to build your resumé, and submit it to the NASA STARS database at: [www.nasastars.nasa.gov](http://www.nasastars.nasa.gov)

Continuing through September, any NASA civil servant can attend the hands-on Resume Builder workshops in B12/R276 being offered every Thursday from 9-10 a.m. or 1-2 p.m. Registration is still available at: [http://nasastars.nasa.gov/jsc/sign\\_up/](http://nasastars.nasa.gov/jsc/sign_up/)

Additional JSC information can be found at: <http://nasastars.nasa.gov/jsc/>

## Boeing employees design patch



Boeing's Roger Johnson (left) and Boris Berezin show off the patch they designed for the Expedition 3 crew.

**S**titched to each of the Expedition 3 crew member's uniform is the official patch designed and produced by Boeing employees Boris Berezin and Roger Johnson.

The two began working on the patch last October. NASA and the Expedition 3 crew approved final design in March.

"We went through about 33 different design changes before this final concept was accepted," Johnson explained. "The patch shows an open book with the chapter being closed on the MIR station and a page turning to reveal the new ISS star on the horizon."

The space walker signifies the human element of this new venture. The star

recognizes the members of Expedition 3 and the entire multi-national Space Station building team."

Johnson works in ISS graphics. Berezin is responsible for Russian integration and analysis. He also designed the patch for STS-106, which delivered the Zvezda service module to station last year.

American Frank Culbertson commands Expedition 3, which launched Aug. 10 aboard Space Shuttle Discovery. Russian Engineer Mikhail Tyurin and pilot Vladimir Dezhurov serve with Culbertson. The extension of scientific research and the addition of a new Russian docking port will highlight their four-month expedition.

## Did You Know?

On September 19, 1961, NASA Administrator James E. Webb announced that the site of the Manned Spacecraft Center (renamed Johnson Space Center in 1973) would be Houston, Texas.

**ATTENTION JSC STAFF AND RETIREES: Were you an employee when NASA announced that Houston would be the site of the Manned Spacecraft Center on September 19, 1961?**

**If so, please send a short paragraph or two to the Roundup describing what that news meant to you.**

Please submit your article by Oct. 10, 2001

via e-mail: [melissa.davis1@jsc.nasa.gov](mailto:melissa.davis1@jsc.nasa.gov) or mail: Melissa Davis, mail code AP 121.

# JSC UNITES

## Center employees react to the national tragedy with compassion

By **Melissa Davis**

*Disbelief. Fear. Sadness.*

**T**he people of Johnson Space Center were deeply affected by the tragic events in New York City and Washington, D.C. on Sept. 11, 2001.

Despite the pain, JSC employees rose above their grief. Just as Center management worked diligently to provide security and safety for employees, JSC staff members were equally fervent in showing their patriotism and support for those devastated by the incidents.

Each life at JSC was touched by the tragedy, regardless if a loved one was lost in the attacks. Here is a small snapshot of how JSC employees and associates reacted to the events.

### Finding the right words

By signing several large banners, the JSC family shared its message of support and camaraderie for the survivors, rescuers and those related to victims in New York and Washington, D.C. The banners were then posted at sites along the JSC campus perimeter.

“We have had a tremendous response, exceeding my expectation,” said Nicole Cloutier of the Public Affair Office. Cloutier helped organize the Friday, Sept. 14, project.

Cloutier said she was touched by how empathetic people were as they signed the banners.

“They aren’t simply just walking in, signing their name and walking out. They are coming in, very solemn, almost as if in a memorial service itself or at a memorial site,” Cloutier said as people signed the banners. “They are quietly reading other inscriptions, walking the length of the banners (36 feet) and reviewing the names and messages. It’s just really neat to see.”

### So many emotions

Jackie Reese, a JSC EAP counselor, said the tragedy has touched JSC staff members deeply.

“People are expressing sadness at the loss of security and sense of safety that this brings, and some apprehension about whether or not the attacks are over,” she said. “Most folks are very angry, and are struggling to be patient while the perpetrators and consequences are determined.”

In addition to the sadness, apprehension and anger, Reese said people are indeed empathetic, as Cloutier noted.

“Folks also have a great deal of compassion for the victims, survivors, rescuers and family members impacted,” she said.

On top of all of those emotions, Reese said she believes parents are struggling most with the knowing what to tell their children – how to be honest yet reassuring. Reese herself has struggled with that problem.



NASA JSC 2001e26828 Photo by David DeHoyos

**On Friday, Sept. 14, a group of JSC employees gathered for an hour-long prayer vigil at the base of the flagpole in front of Building 1. People, like the man above, showed their patriotism.**

“At dinner on Tuesday (Sept. 11), my 9-year-old daughter asked me what would happen to us if we lost the war. I wasn’t prepared for that question,” Reese said. “I ended up telling her that at the very least we would live under very different rules. It was the only thing I could think of that was honest but not terrifying.”

In spite of all the problems, Reese said a positive has risen from the negatives.

“People recognize this as an opportunity to become closer and stronger as a nation, and to not allow ourselves to become complacent,” she said.

### Expressions of support

One JSC staffer motivated by such patriotism is Beatriz Serrato, a LAN/WAN Manager for Lockheed Martin.

A woman of faith, Serrato felt compelled to approach PAO about leading a small tribute in the Building 3 cafeteria. After given permission, she presented her

tribute during lunchtime to recognize “our fallen brothers and sisters” on Friday, Sept. 14. President George W. Bush designated that date as a “National Day of Prayer and Remembrance for the Victims of the Terrorist Attacks on September 11, 2001.”

She put together a short PowerPoint tribute and sang *God Bless America*, *The Battle Hymn of the Republic*, the complete *Star Spangled Banner* and *Amazing Grace*. The title page included scripture from Proverbs.

“I mean, where else but in this country can we have freedom as the kind we have over here? How dare anyone come in and attempt to try to shake us? We have seen over and over again how this has been attempted in the past,” she said. “...we have dealt with the likes of Hitler and still we prevailed.”

At the end, she closed with a prayer. In it she said, “Please bless us in our hour of need. Bless your fallen children who we

call brother and sister. Bless this country, for it is precious and it is pure....We pray that a quick resolution comes with this and that we can thwart any and all acts of aggression that are launched against this our soil. We will protect it with our very lives, because we are Americans.”

### Near, yet so far

Franco Fenoglio understands the pride of Americans, even though he is Italian and lives in his native country.

Fenoglio worked at JSC from November 1997 to April 1999. He is an employee of Alenia, an Italian aerospace company that is part of the European Space Agency team supporting the X-38. His company had sent him here to participate in the engineering for the environment control for the X-38 cabin.

On Sept. 11 his heart was back to America and his thoughts were with his former co-workers at JSC. When the tragedy struck, Fenoglio sent an e-mail to his friends back here.

“First of all, please let me express my participation to the pain that I can only imagine every American people is experiencing in these days,” he wrote. “I can ensure that, even if we are so far from America, there are sincere feelings of sadness and the real wish to cooperate with your country – to bring back the Earth to be a place where our children can grow in peace and with the hope their future will shine again.”

And in his concern, his thoughts turned toward the space program and how it can be used as a positive symbol in a world reeling from terrorism.

“And, even if a drop in the ocean, the continuation and completion of our ISS could be a message to the entire world that people can work together for a common objective aimed to improve human knowledge and life in a peaceful way,” he wrote.

### A view from above

During the attacks, the ISS was indeed a symbol of unity. During the events, it was safe in the hands of Mission Control. Still, the Expedition Three crew mourned the day’s events, despite their distance from JSC and the rest of the world.

After the attack, Commander Frank Culbertson, Pilot Vladimir Dezhurov and Flight Engineer Mikhail Tyurin were able to fly over New York City at an altitude of approximately 250 miles to get a look at the city from their unique position.

Upon seeing the devastation, Culbertson was taken back by the sight. However, he was still able to offer inspiring words of encouragement for all Americans.

“I know it is very difficult for everybody in America right now, I know folks are struggling to deal with this and recover from this,” he said. “I want the folks to know that our country still looks good, and for New York to know that their city still looks beautiful from space.” ■



## At-a-GLANCE

- ✓ The Mission Control Center (MCC) remained fully operational during and after the terrorist attacks. The MCC team, which consisted of a “planning shift” staff of required personnel only, ensured the safety of the International Space Station and the Expedition Three crew. “The Mission Control Center has an extensive plan for national emergencies,” Flight Director John Curry said. “Mission Control was constantly in contact with the crew, and all of our communication capabilities were working throughout the events.” Curry praised the team for how they handled themselves under the tense conditions.
- ✓ The next scheduled JSC blood drive is Oct. 16 at Ellington Field from 12:30 p.m. to 5 p.m. There will also be a drive in the Teague Lobby on Oct. 17 and 18 from 7:30 a.m. to 4 p.m. Blood drive coordinator Teresa Gomez said because donors have to wait at least eight weeks between donations an emergency drive would not be scheduled to assist the needs in New York City and Washington, D.C. The previous blood drive was Aug. 1 and 2. For those wishing to donate immediately there are several blood donation drives within the Houston area.
- ✓ Charles Edward “Chuck” Jones, a retired U.S. Air Force officer who was trained as an astronaut, was among the 92 victims of American Airlines Flight 11, according to space.com. Jones, who was chosen in 1982 for Group 2 of the military’s Manned Spaceflight Engineers (MSE) program, was assigned to fly STS-71L scheduled for August 1987 to assist the deployment of two Department of Defense payloads. His flight however, was canceled after the *Challenger* accident in January 1986. After leaving the MSE program in January 1987, Jones was stationed at Bolling Air Force Base in Washington, D.C., and then as Systems Program Director for Intelligence and Information Systems at Hanscom Air Force Base in Bedford, Mass. The Boston Herald reported he was on the flight for a routine business trip.



NASA JSC 2001e26814 Photo by James Blair



NASA JSC 2001e26824 Photo by David DeHoyos

The JSC family shared its message of support for the survivors, rescuers and those related to victims in Washington, D.C. and New York City by signing large banners that were posted at sites along the JSC campus perimeter. At left, Acting Center Director Roy Estess is the first to sign his name. Above are just a few of the many employees who stopped by the Teague Auditorium to show their support.

## Center Operations responds promptly to unfolding events

By Melissa Davis

As the day’s tragic events unfolded, JSC management was quick to respond to the escalating national emergency, said Joel Walker, Acting Director of Center Operations.

“Senior Staff met Tuesday morning and made the decision for an orderly evacuation so as to not create any additional safety concerns,” Walker said.

Walker said they activated the Emergency Operations Center (EOC) immediately after the staff meeting concluded. He added the flags went to half-staff that day.

“Senior staff convened again Tuesday afternoon to discuss JSC’s posture, and again throughout the day on Wednesday to discuss options, security measures etc.,” Walker said.

Center Operations Directorate personnel staffed the EOC throughout the next two days and nights in order to keep constant communications with NASA headquarters and other agencies.

While the events of Sept. 11 have put an added emphasis on security at JSC, employees have been cooperative.

“Everyone has been very patient with the increased security measures and we are working hard to smooth out the wrinkles,” Walker said.

### A timeline of how JSC responded to the events of Sept. 11

#### Tuesday, Sept. 11

Initially, JSC was placed on an elevated level of alertness. However, as the morning’s events unfolded, JSC instituted further heightened security measures. At that time, the Human Resources Office encouraged supervisors to make liberal accommodations for any employee who might have family members impacted by the events, and the Employee Assistance Program was available to those in need of counseling.

A short time later, the decision was then made to close JSC as a precaution “in view of the multiple terrorist attacks in other US metropolitan areas,” the JSC Emergency Notification System noted.

#### Wednesday, Sept. 12

JSC was reopened for limited operations. The only ones who reported for duty were those who have been specifically requested to return. The main entrance off Saturn Lane and the back gate near Space Center and Bay Area boulevards were the only gates open for entrance.

#### Thursday, Sept. 13

JSC returned to normal operations with heightened security measures in place.

NOTE: As a federal agency, NASA falls under the military’s threat levels as risks or incidents unfold. The military’s four threat levels are Alpha, Bravo, Charlie and Delta. Each have a set of increasingly restrictive security precautions. Considerations include the movement of people, visitor identification, vehicle checks and the offset of allowed parking next to facilities and buildings.

## Security tightened after attacks on Washington, D.C., New York City

By Beth Nischik

The terrorist attacks in Washington, D.C. and New York City have understandably heightened security at JSC.

“The center is not in eminent danger, yet we will not relax security until further notice,” said Vernon Nixon, JSC’s Chief of Security.

Security tightened immediately following the Sept. 11 events. “I am in awe of the way the Center came and worked together during the closing,” Nixon said. “Both the closing and the opening of the Center went smoothly. Security had the support of the entire Center.”

Nixon said JSC staff members have been cooperative with the additional security precautions taken since the attacks.

“My only concern is that people do not get complacent with the actions and procedures being put into place,” he said. “The traffic, long lines and security checks may be an inconvenience now, but it is a small price to pay for the safety.”

JSC employees are encouraged to be mindful of what

the security staff is doing. “Security is looking for the cooperation of the JSC employees to be aware of these procedures through the Roundup, internal Web sites and by their own actions.”

Nixon recommends that employees arrive 30 minutes earlier or later than normal for a smoother entry to the Center during the mornings. He also suggested people review their security procedures, such as shutting down their computers every day.

With support from the JSC staff, the security staff will be much more effective.

“There are many patriotic people here at JSC. When the chips are down, I have seen this center and JSC really come together,” Nixon said. “Our job right now is to protect our national assets here at JSC: Those employees that work here and our buildings. Security asks for employees’ cooperation and patience during this time.”

For up-to-date security information, please visit:  
<http://www4.jsc.nasa.gov/scripts/org/ja/ja14/external/index.cfm>



# Disaster prompts early start for Combined Federal Campaign

Responding to the recent tragic events in Washington, D.C., New York City and Pennsylvania, JSC began its Combined Federal Campaign (CFC) early this year in an effort to support recovery efforts for the victims and their families. The campaign began Sept. 24 with a goal of \$561,000 for 2001 and will run through Oct. 26. This will provide a timely and secure opportunity for our employees to contribute to national and local charities. The CFC 2001 Resource Guide, which lists all the charitable agencies, is available through your organization's CFC coordinator or online at the CFC Web site. The address is listed below. These agencies are among more than 1,500 charitable organizations included in this campaign that touch many of us, whether locally, as experienced during Tropical Storm Allison, or nationally, as we begin to recover from the tragic events of Sept. 11, 2001. Employees may designate which

charitable agencies receive their contributions by listing the four-digit agency code on their pledge card. All employees at JSC - contract, Federal and military, plus JSC retirees - may participate with a one-time gift by cash or check (made payable to the CFC). In addition, Federal employees may contribute through payroll deductions, which will take effect in January 2002. Last year, JSC employees and retirees gave over \$557,000 of the \$2.7 million contributed by Federal employees throughout the Houston area. Please contact your organization's coordinator or JSC CFC Coordinator Candy Hunt at (281) 483-1836 for pledge cards and further campaign information, and be sure to ask about the "thank you gifts" and drawings for parking spots.

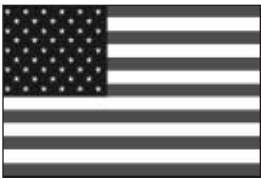
For the latest information, please visit:  
<http://jscpeople.jsc.nasa.gov/cfc/index.htm>

## At-a-GLANCE

- ✓ An hour-long prayer vigil was held noon Friday, Sept. 14, 2001, at the base of the flagpole in front of Building 1. This was to recognize President Bush's proclamation designating the date as a "National Day of Prayer and Remembrance for the Victims of the Terrorist Attacks on September 11, 2001."
- ✓ An F-16 jet from the 147th Texas National Guard Fighter Wing stationed at Ellington Field, accompanied President Bush and Air Force One during the President's journey from Florida to Louisiana, then to Nebraska and finally Washington, D.C., after attacks on the World Trade Center and Pentagon. Jet fighters at Ellington are prepared to take off around the clock. Their missions typically consist of patrolling between the Florida panhandle and southern Texas. Incidentally, President Bush served in the 147th Fighter Wing in the late 1960s and early 1970s.

- ✓ There are currently 78 NASA employees serving as members in a Federal Reserve component in the U.S. military. Employees are not required to list whether or not they are a member of the National Guard.
- ✓ JSC Cafeterias and Stores held Exchange Disaster Relief Day on Wednesday, Sept. 19. Ten percent of total sales were donated to the American Red Cross Disaster Relief Fund to benefit disaster victims. Employees also received a flag lapel pin for making a purchase in one of the stores for buying lunch or breakfast. Donation jars were also available for employees to make contributions to the Red Cross fund.

- ✓ ISS Commander Frank Culbertson and his two Russian crewmates also witnessed the devastation of the Sept. 11 attacks on the East Coast. Pictures from 240 miles above the earth showed a plume of smoke rising from New York City. To see the view from space, please visit:  
<http://www.nasa.gov/newsinfo/WTCplume.html>



# EAP supports JSC staff during the national tragedy

By Aaron Wyatt

Emotions were high following the two-day shut down at JSC. Employee Assistance Program Director Jackie Reese and counselor Gail Howell spent the morning of Thursday, Sept. 13, offering assistance to those coping with the aftermath of the attacks on the World Trade Center and the Pentagon. It was the first day back to work for most employees since the Sept. 11 events. A response of anger often is our

way of making ourselves feel stronger, they told a small audience in the Building 30 auditorium. Both Reese and Howell encouraged employees to find a way to channel anger in a healthy, productive manner. Deep breaths, exercising, talking and crying were a few suggestions. At work, employees are encouraged to ask questions regarding emergency plans and anything else bothering them. "We're a big community and everybody's hurting," Reese said. Also recommended was avoiding

watching TV or listening to radio news one to two hours before going to sleep at home. Parents should have a plan for children should anything of this nature occurs again to let them know where they should go to meet each other. EAP representatives met several more times with staff to answer questions and offer guidance.

*If you have any needs or further questions, feel free to contact the EAP at (281) 483-6130.*

## How to cope

**Here are some ways to help yourself and others cope with this national tragedy:**

- ★ Talk with people.
- ★ Give yourself permission to be distracted.
- ★ Be kind toward others and tolerant of ways in which their coping needs may differ from yours.
- ★ Avoid real and symbolic violence.
- ★ Structure your time.
- ★ Keep your life as normal as possible.
- ★ Help your children understand in ways that are not overwhelming.
- ★ Take care of yourself physically.
- ★ Spend time with people you enjoy, doing things you enjoy.
- ★ Engage in activities that reaffirm your sense of yourself and others as members of a caring community.

## Talking to children

**Keep these points in mind the following weeks when helping your children understand the attack on America:**

- ★ Infants pick up on the anxieties and actions of those around them and may react in a fussy manner. Remain calm when interacting with your infant—keep routines consistent and provide their usual environment.
- ★ Toddlers and preschoolers may ask questions about what is going on. Try to answer in simple terms and reassure them they are safe. Keep routines consistent by offering to watch videos and reading books with them. If they watch TV or listen to radio reports, you should be in their presence.
- ★ School-age children are more interested than younger children but may be less capable than older children with coping and communicating
- ★ Adolescents need to be engaged in healthy conversation. Share your feelings with them honestly and encourage them to express their feelings of anger. Brainstorm with them how they can deal with those feelings.

JSC's Human Resources Office has created a special Web site for up-to-date post-disaster information:  
<http://jscpeople.jsc.nasa.gov/disaster/>



# JSC travelers home and overseas caught up amid tragedy

By Bill Jeffs

One hundred twenty-eight JSC employees were on business travel Sept. 11, many across the country and others in foreign countries, when tragedy struck America.

Following the suspension of commercial air traffic in the U.S., some travelers remained holed up in hotels in the United States and abroad, waiting for word as to when they could fly home. Others within driving distance rented cars and drove back to Houston.

NASA transportation specialist Connye Lenczewski with the JSC International Services Office said the locations of all travelers were accounted for on the day of the attacks. Most of those in the United States rented cars and returned home to Houston by Thursday, Sept. 13, or were in the process of doing so.

"A number of people in Los Angeles rented cars and drove back to Houston. Others, especially those overseas, are talking to their management and

making arrangements to stay longer and then fly home whenever possible," said Lenczewski.

Others across the U.S. with travel plans stayed in place. Some of the STS-104 crewmembers took advantage of their few extra days in Los Angeles to make an unscheduled visit to a school.

The JSC Speakers Bureau had two employees en route to fulfill speaking engagements. Robert Naughton, NASA chief, Aircraft Operations Division, flew from Houston to Chicago on Sept. 10 to speak to 100 attendees at the AAR Corp. (a supplier of products and services to the aerospace/aviation industry) Senior Leadership Retreat.

Three days following the attacks, Naughton was in Oak Brook, IL, waiting to fly back to Houston.

Phil Stepaniak, NASA flight surgeon, found himself grounded in Florida due to the airport closures. On Monday, Sept. 10, the day before the attacks, he traveled to Florida where he rendezvoused with three colleagues, all of whom had flown from Houston.

The following day, he was in the process of speaking to a group at Patrick Air Force Base on contingency plans in the event of a Space Shuttle mishap when he was twice interrupted, once when news about the attacks on the World Trade Center broke and then when the Pentagon was struck. "At that point, the base was shut down to only essential personnel and placed on maximum alert," Stepaniak said.

One day after the attacks and still with no way to fly back to Houston, Stepaniak and his three travel mates turned in all but one of their rental cars, which they had been told to hold onto since they would be in short supply, and began a 20-hour drive. Taking turns driving home, they arrived in Houston in the early morning on Sept. 13.

Others couldn't drive home.

"We're wondering whether we'll be able to fly home," said Rob Navias, NASA associate director, JSC's Public Affairs Office, stranded in Paris with a 20-person delegation.

Three days after the attacks, he and a colleague were hoping to fly from Paris

to Atlanta and then on to Houston. "We don't know if we'll be allowed to leave. We don't know if we'll get to Houston," he said. However, they made it home.

The outpouring of support and sympathy for the NASA delegation there has been tremendous, Navias said. "From the moment of the tragedy on Tuesday, all of the international partners have offered condolences to try to comfort us."

He added that hotel management put a special note in each room of the NASA delegation offering condolences. And Parisians, hearing English speakers discussing the tragedy, offered their support as well.

Stepaniak noted a few lessons learned for future travelers. "Be sure to contact everyone and inform them of your location. Also make sure you have your travel orders, your NASA identification and your government credit card with you," he said. "And keep in frequent touch with CI travel personnel. Retain your rental car and keep all of your available travel options open until you decide or are told where and how to travel." ■

## NEWS FROM WHITE SANDS

### WSTF remembers those who lost their lives on Sept. 11

White Sands Test Facility mourned the tragic attacks on Washington, D.C. and New York City with a five-minute prayer vigil on Sept. 14.

WSTF Manager Joe Fries said the attacks have "challenged us individually and collectively. It has left us with many unanswered questions."

However, he added it was comforting that the nation has come together as one. "Those of us on the periphery of the events are nonetheless affected in how our comfortable, secure way of life might be impacted," he said.

"I feel that it is important that we support the leaders of our country in their decisions that will keep us the great, free country that we are and want to continue to be."



Bob Baker, Program Manager, Honeywell Technology Solutions Inc., also spoke at the ceremony.

"It is a terrible hour for our country. Although we've been fortunate here, this event will affect us and the rest of the country for a long time," he said.

"I urge you to stand behind the President and our national security agencies over the upcoming months, and also to support our country through donations and volunteer service to disaster relief."

The singing of "God Bless America" also was done in remembrance, compassion, resolve and in honor of those who lost their lives in the tragedy. ■



## CLIP AND SAVE

Please clip this information and save for future reference:

To learn the **current status of the Center**, call the Employee News Service at (281) 483-6765.

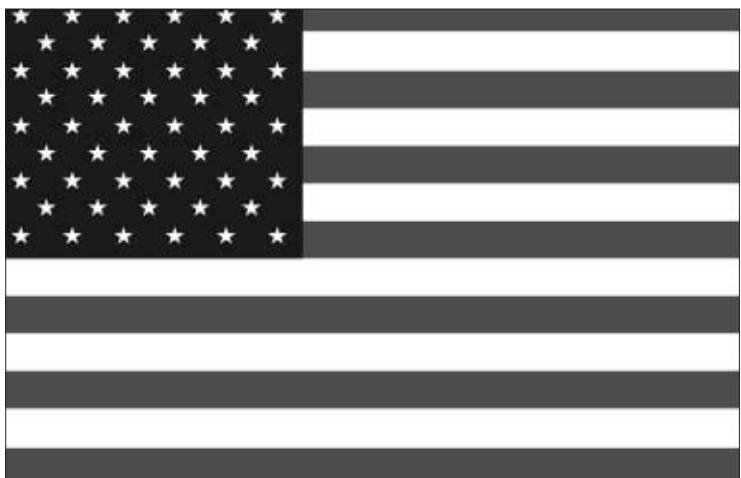
The **Emergency Information Lines** are 281-483-3351 (local) and 1-877-283-1947 (toll free) for employees on travel.

Three other important Web sites are:

◆ **Daily CyberSpace Roundup** <http://www.jsc.nasa.gov/pao/roundup/index.html>  
It has center status information as part of the masthead.

◆ **The Public Affairs Office** <http://www.jsc.nasa.gov/pao/> It also has relevant employee news.

◆ **JSC EOC Office** [www.jsc.nasa.gov/da/da5/](http://www.jsc.nasa.gov/da/da5/) It has only been used for severe weather, such as tropical storm and hurricane threats. However it can be used to support other situations of interest to employees too, said Bob Gaffney, Emergency Preparedness Manager.





PEOPLE WHO MAKE A DIFFERENCE

Johnson Engineering's Vanessa Klyng Tilley has decided to accept one of the most challenging moments in her life. And she's not only doing it to fulfill a personal goal – she's also doing it to help others. She is running the Honolulu Marathon Dec. 9 to raise money for the Leukemia and Lymphoma Society.

Tilley said she was inspired to run a marathon about six years ago when her previous manager was training for the Houston Marathon. While she was motivated, she couldn't help but think how she hated running. "Just listening to him talk about running 10 to 15 miles around Clear Lake seemed impossible," she said.

As he would talk about his training, she thought about how awesome it would be to complete a marathon when she turned 40. She even gave it a good try when she hit that milestone last January by attempting to run the Houston Marathon. However, she was unable to finish.

"I really didn't train properly and had no motivation to help me out on days when I didn't feel like running. So when I began to explore my options to run another marathon before my 40th year was over, I was told about Team In Training," she said. "As I pondered the thought of more running, I realized that this was the way that I wanted to go."

Team In Training is the top running, walking and cycling endurance training program in the country. It accounted for 25,500 participants last year who undergo personalized training to run, walk or cycle one of 40 accredited

To run or not to run?



Johnson Engineering's Vanessa Klyng Tilley is determined to complete the Honolulu Marathon Dec. 9 to raise money for the Leukemia and Lymphoma Society. Her honor patient is 5-year-old Matthew Maultsby of Sugar Land, pictured above with Tilley. He has acute lymphocytic leukemia.

endurance events nationwide. Team In Training has raised more than \$235 million to help fund cancer research and patient support services.

Tilley said her choice was a good one.

"Team In Training provides me with a training and support system that I will need to finish this race, not to mention that I have an honor patient that I will be running for," she said. "His name is Matthew and

he is 5 years old. He lives in Sugar Land and has acute lymphocytic leukemia."

Vanessa explained her thought process when she slowly turns off the alarm at 4:30 a.m. on her scheduled mornings to run. She said it's very difficult to get up and run when she's tired and challenged with the Houston heat and humidity. Yet when she runs, all she thinks about when "her face is beet red and her legs are hurting" are the people she is running for.

"As I drive to my running location – whether it be on the treadmill at the gym or running the Kemah bridge as the sun rises on the horizon – I begin to think that I am too tired to go on, or I don't feel as strong today as the day before, and I cannot complete the run," she said.

"I then think of the numerous trips to the doctor and hospital that many patients must endure or the pain people have suffered due to the loss of loved ones."

The Leukemia and Lymphoma Society has set a fund-raising goal of \$4,900 for her to meet. She has asked her friends and family if they would be willing to pledge a buck a mile, which is a total of \$26.20.

"In addition to running for Matthew, the people that have donated money to the cause are counting on me to cross the finish line," she said. "How much more motivation do you need than that?"

If anyone is interested in signing up with Team in Training to run one of several upcoming races in Honolulu, Disney, Bermuda or Houston, contact Tilley at x48364. You may also contact her at that extension if you would like to make a donation. Some contractors will do a matching-gift contribution. ■



Boeing's Chip Heinol rides with purpose

Boeing subsystem engineer Chip Heinol is another JSC staff member who is working to make a difference in the lives of others. Here he details his experiences while participating in the MS150, which took place April 21-22.

The annual MS150 is a two-day charity bicycle ride from Houston to Austin. Thousands ride or volunteer in an effort to raise money for the Lone Star Chapter of the National Multiple Sclerosis Society. Chip hopes by sharing his experiences, others might train to participate in upcoming charity bike tours too.

The morning starts early before the sun can poke its head above the horizon. I find my way to the start of the 2001 MS150 and wonder what the weekend will hold in store.

As you begin to pedal your way on a 174-mile journey to Austin, all types of thoughts can fill your head. This year I felt a great deal of anxiety before the ride. I've been training and thinking about the ride for three months and it's finally here. All the hard work will hopefully pay off.

I calm down as the ride gets under way and I am thankful it is a beautiful morning. Seeing so many people on the ride, you realize you are not alone in the challenge of riding a bicycle to Austin. With so many caring people, neither are those suffering from Multiple Sclerosis (MS).

Many others volunteer their time to make the ride a success. Police, emergency medical personnel, Cub Scouts,

truck drivers and corporations all lend support. Many employees in the space program and their families participate as well. Several contractors including Boeing, Lockheed Martin, Oceaneering and USA have employee teams.

I ride in several organized bike rides each year and tend to think of the MS150 as just another ride. Often, those with MS come out at various points along the ride to wave and cheer. It's touching to see smiles on the faces of those your helping to raise money for. It reminds me that they appreciate the efforts of those riding as much as I enjoy making the trip. Seeing those people puts a human touch on the event and helps me remember that it is more than just another bike ride. Last year, the tour raised more than \$3 million.

One hundred miles from the start in Houston, a tent city of 13,000 people

assembles at the overnight stop at the fairgrounds in LaGrange. Hot, tired and fighting cramps in my left leg, I finally cross the finish line at 5:30 p.m. It was a tough first day but I made it the entire way myself. I drop off my bike, get my luggage and find my way to our team tent to sit down to dinner and relax.

In La Grange, the tour provides most



Boeing subsystem engineer Chip Heinol hopes others will turn their hobbies into projects that will better the lives of others in need.

everything you need for your overnight stay. A place to store your bike, a hot meal, a bus ride to a (usually) hot shower and the all-important port-a-potties. Some opt to stay in area hotels; others stay in tents at the fairgrounds. There is plenty of space under our large team tent so I opt to spend the night there.

At the beginning of the second day, I am tentative and start off slowly. Although breakfast was tasty, it did not sit well and it adds to my anxiety by feeding thoughts of not finishing. Riding the second day, you

begin to enjoy (or curse) the rolling hills leading into Austin. I enjoy them as they are a welcome change to my usual flat rides around Clear Lake.

Before lunch the second day, the route winds through scenic Beucher/Bastrop State Park. The park is one of the prettiest parts of the ride, but also the most challenging. The hills are steep and plentiful.

The last portion of the ride is enjoyable. My legs feel good, it's not very hot and we have been graced with a tailwind the last 20 to 30 miles.

I begin to feel a bit of exhilaration knowing the finish line is not far ahead. It persuades me to pick up the pace the last 10 to 15 miles and make a charge for the finish.

Riding across the finish line in Austin, it is a festive atmosphere. Upbeat music is playing and hundreds of people line the finish line and clap and cheer. I can relax and enjoy the feeling a job well done. Soon I will be home and it will all be over. The MS150 will be back next year and I look forward to riding in it again.

My story about riding in the 2001 MS150 deserves no special recognition. I share it with you in hopes that it will make you consider joining the thousands of others who have discovered the fun and camaraderie of getting together for a good cause and riding in the MS150 bike tour.

Thinking about riding? Want to volunteer? For more information, go to: [www.ms150.org](http://www.ms150.org)



PEOPLE

on the

MOVE

Human Resources reports the following personnel changes:

Key Personnel Assignments

*Allen Flynt* was named Manager, EVA Project Office.

*Steve Doering* was named Deputy Manager, EVA Project Office.

*Jonathan Clark* was named Manager, Medical Operations, Space Medicine and Health Care Systems Office, Space and Life Sciences Directorate.

Additions to the Workforce

*Sarah Shull* joins the Cargo Integration and Operations Branch, Operations Division, Mission Operations Directorate, as a Flight Controller.

*John Melcher* joins the Mechanics, Booster and Maintenance Systems Branch, Systems Division, Mission Operations Directorate, as a Flight Controller.

*Jennifer Scott* joins the Communications and Data Systems Branch, Systems Division, Mission Operations Directorate, as a Flight Controller.

*Jeremy Rea* joins the Advanced Mission Design Branch, Aerospace and Flight Mechanics Division, Engineering Directorate, as an Aerospace Engineer.

*Christopher Tracy* joins the EVA and Spacesuit Systems Branch, Crew and Thermal Systems Division, Engineering Directorate, as an Aerospace Engineer.

*Jacob Collins* joins the Energy Systems Test Branch, Energy Systems Division, Engineering Directorate, as an Aerospace Engineer.

*Leonard Yowell* joins the Materials and Processes Branch, Structural Engineering Division, Engineering Directorate, as a Materials Engineer.

*Ansley Collins* joins the Systems and Applications Branch, Information Technology Division, Information Systems Directorate, as a Computer Engineer.

*Linda Kruest* joins the Office of the Chief Financial Officer, as a Program Analyst.

*Jody Herst* joins the Space Shuttle Resources Office, Office of the Chief Financial Officer, as a Program Analyst.

*Margarita Sampson* joins the ESA and NASDA Integration Office, Program Integration Office, International Space Station Program, as the Columbus Launch Package Manager.

*Raymond Hagan* joins the Human Adaptation and Counter-measures Office, Space and Life Sciences Directorate, as an Exercise Research and Rehabilitation Specialist.

**Reassignments to Other Centers**

*Keith Albyn* moves to the Marshall Space Flight Center.

Retirements

*Mary Dunseith* of the Public Affairs Office.

*Wanda Brown* of the Office of Procurement.

*Sam Hardee* of the Space Shuttle Program.

*James Ellis* of the Space and Life Sciences Directorate.

Resignations

*K. P. McClung* of the Space Shuttle Program.

NASA BRIEFS

DUST FROM AFRICA LEADS TO LARGE TOXIC ALGAE BLOOMS IN GULF OF MEXICO, STUDY FINDS

Saharan dust clouds travel thousands of miles and fertilize the water off the West Florida coast with iron, which kicks off blooms of toxic algae, according to a new study. The research was partially funded by a NASA grant as part of ECOHAB: Florida (Ecology and Oceanography of Harmful Algal Blooms), a multi-disciplinary research project designed to study harmful algae.

Toxic algal blooms, sometimes called red tides, have in the past killed huge numbers of fish, shellfish, marine mammals, birds, and can cause skin and respiratory problems in humans. Each year iron from Saharan dust clouds is deposited in the waters off the West Florida coast. Once there, plant-like bacteria use the iron to set the stage for red tides. When iron levels go up, this bacteria, called *Trichodesmium*, ‘fixes’ nitrogen in the water, converting it to a form usable by other marine life. The addition of biologically usable nitrogen in the water makes the Gulf of Mexico a more likely environment for toxic algae to bloom.

“This is one of the first studies that quantitatively measured iron from the dust and tied it to red tides through *Trichodesmium*,” said Jason Lenés, a graduate student at University of South Florida’s College of Marine Science, and the lead author in the study. Lenés works under John J. Walsh, one of the principal investigators for ECOHAB, and one of the paper’s coauthors. The research appears in the September issue of the scientific journal, *Limnology and Oceanography*.

Humans who swim in the Gulf can experience respiratory problems by breathing toxins from red algae that get in the air. Also, eating shellfish poisoned by red tides can lead to paralysis and memory problems. Around the Gulf of Mexico, scientists and others have recorded fish kills totaling in the millions and manatee deaths in the hundreds resulting from a single red tide bloom.

NASA COMES TO THE AID OF AIRCRAFT-NOISE SUFFERERS

Residents of communities near airports may someday breathe an audible sigh of relief as a result of NASA tests using one of the world’s largest wind tunnels to evaluate a variety of ‘quiet’ aircraft technologies.

Aircraft are at their ‘loudest’ when landing gear, wing flaps and slats are deployed, creating large amounts of wind turbulence and generating lots of noise. Engineers at NASA Ames Research Center, in California’s Silicon Valley, with support from NASA Langley Research Center, Hampton, Va., will use Ames’ 40 x 80-foot (12.2 x 24.4-meter) subsonic wind tunnel to test design modifications that reduce aircraft noise on a 26 percent-scale model of a Boeing 777 aircraft.

DATES

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DATA

American Society for Quality

First Tuesday of the month 6 p.m., Franco’s.  
Contact: Ann Dorris at x38620.

Bay Area Aero Club

Second Tuesday of the month 7 p.m., Houston Gulf Airport clubhouse, 2750 FM 1266, League City  
Contact: Larry Hendrickson at x32050  
Web site [www.bayareaaeroclub.org](http://www.bayareaaeroclub.org)

Clear Lake Communicators, Toastmasters International Club

Thursdays 11:30, Wyle Laboratories, 1100 Hercules, Suite 305. Contact: Allen Prescott at (281) 282-3281 or Richard Lehman at (281) 280-6557.

Clear Lake Area chapter of the National Space Society

First Monday of every month Parker Williams Branch of the Harris County Library at 10851 Scarsdale Blvd.  
Contact: Murray Clark at (281) 367-2227.

JSC National Management Association

Visit: [www.jsc.nasa.gov/nma/](http://www.jsc.nasa.gov/nma/)

JSC Amateur Radio Club

Last Thursday of the month 6:30 p.m., Piccadilly, 2465 Bay Area Blvd. Contact: Larry Dietrich at x39198.

JSC Astronomical Society

Second Friday of month 7:30 p.m., Center for Advanced Space Studies, 3600 Bay Area Blvd Contact: Chuck Shaw at x35416 Website [www.ghg.net/cbr/jscas/](http://www.ghg.net/cbr/jscas/)

Lunarfins

Third Wednesday of the month 7:30 p.m.  
Contact: Mike Manering at x32618.  
[www4.jsc.nasa.gov/ah/Executive/leisure/Lunarfins/default.htm](http://www4.jsc.nasa.gov/ah/Executive/leisure/Lunarfins/default.htm)

National Society of Black Engineers

First Monday of the month 6:30 p.m., Texas Southern University, School of Technology, 1st floor. Contact: Kimberly Topps at (281) 280-2917.

Radio Control Airplane Club

Second Thursday of the month 7 p.m., Clear Lake Park building Contact: Bill Langdoc at x35970.

Society of Mexican-American Engineers and Scientists (MAES)

Second Wednesday of month 11:30 a.m., Bldg. 16, Rm. 111. Contact: Margaret C. Delgado at (713) 643-6097 or [mcdelgad@aol.com](mailto:mcdelgad@aol.com).

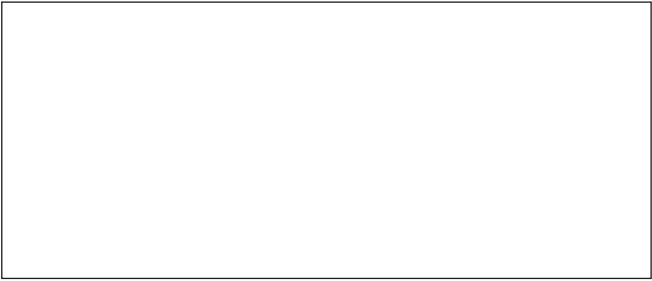
Space City Chess Club

Friday evenings 5:30 p.m. until 9 p.m., Clear Lake United Methodist Church, 16335 El Camino Real, room 423  
All skill levels are welcome. Contact: James Mulberry at x39287 or James Termini at x32639.

Spaceland Toastmasters

- Wednesday mornings at 7 a.m. USA Space Alliance Building 600 Gemini. Contact: Ava Sloan at (713) 768-6336 or [asloan@hal-pc.org](mailto:asloan@hal-pc.org)
- Wednesday mornings at 11:30 a.m. United Space Alliance, 600 Gemini. Contact: Patricia Blackwell at (281) 280-6863.

For additional JSC news, please visit the *Cyberspace Roundup*:  
<http://www.jsc.nasa.gov/pao/roundup/>



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